

*DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ*

L4 L3 same (transfect\$) 40 L4

L3 (cd40L or cd40 adj ligand or gp39 or cd154)same (chimeric or chimaeric or recombinant or fusion adj protein)same(mouse or rat or murine)same(human) 185 L3

L2 L1 and (cd40L or cd40 adj ligand or gp39 or cd154) 3 L2

L1 kipps.in.

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

## Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20030220473 A1

Using default format because multiple data bases are involved.

L2: Entry 1 of 3

File: PGPB

Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030220473

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030220473 A1

TITLE: Novel chimeric CD154

PUBLICATION-DATE: November 27, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prussak, Charles E.	San Diego	CA	US	
<u>Kipps</u> , Thomas J.	Rancho Santa Fe	CA	US	
Cantwell, Mark J.	San Diego	CA	US	

US-CL-CURRENT: 530/350; 424/144.1, 435/320.1, 435/325, 435/69.1, 435/7.1, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 2. Document ID: AU 2003231819 A1, US 20030220473 A1, WO 2003099340 A1

L2: Entry 2 of 3

File: DWPI

Dec 12, 2003

DERWENT-ACC-NO: 2004-060224

DERWENT-WEEK: 200443

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TITLE: Novel chimeric CD154 comprising first subdomain of non-human CD154 replacing cleavage site of human CD154, and second subdomain of human CD154 binding to CD154 receptor, useful in treating neoplasiaINVENTOR: CANTWELL, M J; KIPPS, T J ; PRUSSAK, C E

PRIORITY-DATA: 2002US-0154759 (May 23, 2002)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>AU 2003231819 A1</u>	December 12, 2003		000	A61K048/00
<u>US 20030220473 A1</u>	November 27, 2003		062	G01N033/53
<u>WO 2003099340 A1</u>	December 4, 2003	E	000	A61K048/00

INT-CL (IPC): A61 K 39/395; A61 K 48/00; C07 H 21/04; C07 K 14/74; C12 N 5/06; C12 N 5/10; C12 N 15/00; C12 N 15/11; C12 P 21/02; G01 N 33/53

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 3. Document ID: EP 1465912 A2, WO 2003050254 A2, AU 2002362205 A1

L2: Entry 3 of 3

File: DWPI

Oct 13, 2004

DERWENT-ACC-NO: 2003-532904

DERWENT-WEEK: 200467

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TITLE: New isolated polynucleotide sequence encoding a chimeric tumor necrosis factor (TNF)-alpha, useful for treating neoplasia, e.g. leukemia, gliomas, lymphomas lymphomas or cancers of the breast, cervix, ovary, lung, bladder and prostate

INVENTOR: CANTWELL, M J; KIPPS, T J ; PRUSSAK, C E

PRIORITY-DATA: 2001US-0006305 (December 6, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 1465912 A2</u>	October 13, 2004	E	000	C07H021/04
<u>WO 2003050254 A2</u>	June 19, 2003	E	066	C12N000/00
<u>AU 2002362205 A1</u>	June 23, 2003		000	C12N000/00

INT-CL (IPC): A61 K 39/00; C07 H 21/04; C07 K 14/525; C12 N 0/00; C12 P 21/04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

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<input type="button" value="Generate OACS"/>				
<input type="text" value="Term"/>		<input type="text" value="Documents"/>		
<input type="text" value="CD40L"/>				

File 5: Biosis Previews(R) 1969-2005/Dec W4  
(c) 2005 BIOSIS  
\*File 5: Price change effective Jan 1, 2005. Enter HELP  
RATES 5 for details.  
File 73: EMBASE 1974-2005/Jan W3  
(c) 2005 Elsevier Science B.V.  
\*File 73: Price change effective Jan 1, 2005. Enter HELP  
RATES 73 for details.  
File 155: MEDLINE(R) 1951-2005/Jan W3  
(c) format only 2005 The Dialog Corp.  
\*File 155: Medline has resumed updating. Please see  
HELP NEWS 155 for details.  
File 399: CA SEARCH(R) 1967-2004/UD=14204  
(c) 2005 American Chemical Society  
\*File 399: Use is subject to the terms of your user/customer agreement.  
Alert feature enhanced for multiple files, etc. See HELP ALERT.

Set Items Description

? e au=kipps thomas ?

Ref	Items	Index-term
E1	143	AU=KIPPS T.J.
E2	6	AU=KIPPS THOMAS
E3	0	*AU=KIPPS THOMAS ?
E4	195	AU=KIPPS THOMAS J
E5	1	AU=KIPPS TJ
E6	1	AU=KIPPS TOM
E7	5	AU=KIPPS, A.
E8	2	AU=KIPPS, A. E.
E9	1	AU=KIPPS, ANN
E10	5	AU=KIPPS, ANN E.
E11	1	AU=KIPPS, ANN ELIZABETH
E12	2	AU=KIPPS, B. R.

Enter P or PAGE for more

? s e1-e6

143	AU=KIPPS T.J.
6	AU=KIPPS THOMAS
0	AU=KIPPS THOMAS ?
195	AU=KIPPS THOMAS J
1	AU=KIPPS TJ
1	AU=KIPPS TOM

S1 346 E1-E6

? s s1 and (cd40L or cd40(w)ligand or cd154 or gp39)

346	S1
5656	CD40L
22985	CD40
405972	LIGAND
10690	CD40(W)LIGAND
2584	CD154
644	GP39

S2 74 S1 AND (CD40L OR CD40(W)LIGAND OR CD154 OR GP39)

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...examined 50 records (50)

...completed examining records

S3 55 RD S2 (unique items)

? s s3 and py<1999

Processing

Processing

55 S3

46160373 PY<1999

S4 4 S3 AND PY<1999

? t s4/3/all

4/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0011674369 BIOSIS NO.: 199800468616  
Elevated soluble **CD40-ligand (CD154)** in plasma of  
patients with systemic lupus erythematosus  
AUTHOR: Kato Kazunori; Santana-Sahagun Ernesto; Rassenti Laura Z; Weisman  
Michael H; **Kipps Thomas J**  
AUTHOR ADDRESS: UCSD, La Jolla, CA 92093-0663, USA\*\*USA  
JOURNAL: Arthritis and Rheumatism 41 (9 SUPPL.): pS71 Sept., 1998  
**1998**  
MEDIUM: print  
CONFERENCE/MEETING: 62nd National Scientific Meeting of the American  
College of Rheumatology and the 33rd National Scientific Meeting of the  
Association of Rheumatology Health Professionals San Diego, California,  
USA November 8-12, 1998; 19981108  
SPONSOR: American College of Rheumatology  
Association of Rheumatology Health Professionals  
ISSN: 0004-3591  
DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster  
RECORD TYPE: Citation  
LANGUAGE: English

4/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0011388610 BIOSIS NO.: 199800182857  
Gene transfer of **CD40-ligand** induces autologous immune  
recognition of chronic lymphocytic leukemia B cells  
AUTHOR: Kato Kazunori; Cantwell Mark J; Sharma Sanjal; **Kipps Thomas J**  
(Reprint)  
AUTHOR ADDRESS: Dep. Med., UCSD Sch. Med., 9500 Gilman Dr., La Jolla, CA  
92093-0663, USA\*\*USA  
JOURNAL: Journal of Clinical Investigation 101 (5): p1133-1141 March 1,  
1998 **1998**  
MEDIUM: print  
ISSN: 0021-9738  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

4/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0011106531 BIOSIS NO.: 199799740591  
Acquired **CD40-ligand** deficiency in chronic lymphocytic leukemia  
AUTHOR: Cantwell Mark; Hua Tinh; Pappas Jim; **Kipps Thomas J** (Reprint)  
AUTHOR ADDRESS: Div. Hematol./Oncol., Dep. Med., UCSD Sch. Med., 9500  
Gilman Drive, La Jolla, CA 92093-0663, USA\*\*USA  
JOURNAL: Nature Medicine 3 (9): p984-989 1997 **1997**  
ISSN: 1078-8956  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

4/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0009767887 BIOSIS NO.: 199598235720

Tumor necrosis factor-alpha facilitates induction of CD80 (B7-1) and CD54 on human B cells by activated T cells: Complex regulation by IL-4, IL-10, and **CD40L-1**

AUTHOR: Ranheim Erik A; **Kipps Thomas J**

AUTHOR ADDRESS: Dep. Med., Univ. Calif., San Diego, 9500 Gilman Drive, La Jolla, CA 92093-0663, USA\*\*USA

JOURNAL: Cellular Immunology 161 (2): p226-235 1995 **1995**

ISSN: 0008-8749

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

? t s4/7/2

4/7/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0011388610 BIOSIS NO.: 199800182857

Gene transfer of **CD40-ligand** induces autologous immune recognition of chronic lymphocytic leukemia B cells

AUTHOR: Kato Kazunori; Cantwell Mark J; Sharma Sanjal; **Kipps Thomas J**

(Reprint)

AUTHOR ADDRESS: Dep. Med., UCSD Sch. Med., 9500 Gilman Dr., La Jolla, CA 92093-0663, USA\*\*USA

JOURNAL: Journal of Clinical Investigation 101 (5): p1133-1141 March 1, 1998 **1998**

MEDIUM: print

ISSN: 0021-9738

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: CD40-**CD40-ligand** (CD 154) interactions play a critical role in immune activation. Using replication defective adenovirus encoding mouse **CD154** (Ad-**CD154**), we modified human chronic lymphocytic leukemia B cells to express a functional ligand for CD40. This not only induces expression of immune accessory molecules on the infected cell, but also allows it to trans-activate noninfected bystander leukemia B cells. Also, factors that impair the antigen-presenting capacity of leukemia B cells are downmodulated. Ad-**CD154**-infected leukemia cells are highly effective stimulators in mixed lymphocyte reactions and can induce generation of cytotoxic T lymphocytes specific for autologous nonmodified leukemia cells. As such, Ad-**CD154** can induce a host antileukemia response that may have therapeutic potential.

? s (cd40L or cd40(w)ligand or cd154 or gp39) (20n) (chimeric or chimaeric or recombiant) (20n) (mouse or murine or rat) (10n) (human)

5656 CD40L

22985 CD40

405972 LIGAND

10690 CD40 (W) LIGAND

2584 CD154

644 GP39

90117 CHIMERIC

3286 CHIMAERIC

65 RECOMBIANT

1729749 MOUSE

407561 MURINE

3174696 RAT

21544640 HUMAN

S5 20 (CD40L OR CD40 (W) LIGAND OR CD154 OR GP39) (20N) (CHIMERIC

OR CHIMAERIC OR RECOMBIANT) (20N) (MOUSE OR MURINE OR  
RAT) (10N) (HUMAN)

? rd s5  
...completed examining records  
S6 13 RD S5 (unique items)  
? t s6/3/all

6/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0014916714 BIOSIS NO.: 200400287471  
A novel approach to generate multimeric immunologic molecules with improved  
functions  
AUTHOR: Kilinc Mehmet O (Reprint); Mukundan Lata; Yolcu Esma S; Singh  
Narendra P; Suttles Jill; Shirwan Haval  
AUTHOR ADDRESS: Institute for Cellular Therapeutics, University of  
Louisville, 570 South Preston Street, Louisville, KY, 40202, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: omkili01@gwise.louisville.edu  
JOURNAL: FASEB Journal 18 (4-5): pAbst. 85.35 2004 2004  
MEDIUM: e-file  
CONFERENCE/MEETING: FASEB Meeting on Experimental Biology: Translating the  
Genome Washington, District of Columbia, USA April 17-21, 2004; 20040417  
SPONSOR: FASEB  
ISSN: 0892-6638 (ISSN print)  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0014135090 BIOSIS NO.: 200300093809  
Co-stimulatory molecules in islet xenotransplantation: CTLA4Ig treatment in  
CD40 ligand-deficient mice.  
AUTHOR: Benda Birgitta; Ljunggren Hans-Gustaf; Peach Robert; Sandberg  
Jan-Olov; Korsgren Olle (Reprint)  
AUTHOR ADDRESS: Section of Clinical Immunology, Department of Oncology,  
Radiology and Clinical Immunology, The Rudbeck Laboratory, Uppsala  
University, SE-751 85, Uppsala, Sweden\*\*Sweden  
AUTHOR E-MAIL ADDRESS: Olle.Korsgren@klinimm.uu.se  
JOURNAL: Cell Transplantation 11 (7): p715-720 2002 2002  
MEDIUM: print  
ISSN: 0963-6897  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0013760215 BIOSIS NO.: 200200353726  
Maintenance of long-term gamma-herpesvirus latency is severely compromised  
in CD40-negative B cells  
AUTHOR: Kim In-Jeong (Reprint); Woodland David L; Blackman Marcia A  
AUTHOR ADDRESS: Trudeau Institute, 100 Algonquin Avenue, Saranac Lake, NY,  
12983, USA\*\*USA  
JOURNAL: FASEB Journal 16 (4): pA305 March 20, 2002 2002  
MEDIUM: print  
CONFERENCE/MEETING: Annual Meeting of the Professional Research Scientists

on Experimental Biology New Orleans, Louisiana, USA April 20-24, 2002;  
20020420  
ISSN: 0892-6638  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0013592883 BIOSIS NO.: 200200186394  
Lymphoid dendritic cells mobilized with progenipoeitin induce Th1 and  
peptide-specific cytotoxic T cell responses  
AUTHOR: Pullarkat Vinod A (Reprint); Scotland Ronaldo (Reprint); Schulz  
William E (Reprint); Chakrabarti Debasis; Weber Jeffrey S (Reprint)  
AUTHOR ADDRESS: Medicine, University of Southern California Keck School of  
Medicine, Los Angeles, CA, USA\*\*USA  
JOURNAL: Blood 98 (11 Part 1): p297a November 16, 2001 2001  
MEDIUM: print  
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of  
Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001; 20011207  
SPONSOR: American Society of Hematology  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0013563975 BIOSIS NO.: 200200157486  
Novel chimeric forms of human CD154 that can be expressed at high levels on  
the surface of CLL B cells  
AUTHOR: Hoo William Soo (Reprint); Allen John R (Reprint); Cantwell Mark J  
(Reprint); Li Mei (Reprint); Kipps Thomas J; Prussak Charles E (Reprint)  
AUTHOR ADDRESS: Tragen Pharmaceuticals, La Jolla, CA, USA\*\*USA  
JOURNAL: Blood 98 (11 Part 2): p407b November 16, 2001 2001  
MEDIUM: print  
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of  
Hematology, Part 2 Orlando, Florida, USA December 07-11, 2001; 20011207  
SPONSOR: American Society of Hematology  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0013157124 BIOSIS NO.: 200100328963  
Transplantation of rat metanephroi into mice  
AUTHOR: Rogers Sharon A; Hammerman Marc R (Reprint)  
AUTHOR ADDRESS: Renal Division, Dept. of Medicine, Washington Univ. School  
of Medicine, 660 S. Euclid Ave., Saint Louis, MO, 63110, USA\*\*USA  
JOURNAL: American Journal of Physiology 280 (6 Part 2): pR1865-R1869 June,  
2001 2001  
MEDIUM: print  
ISSN: 0002-9513



DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0010031529 BIOSIS NO.: 199598499362  
Human antibody response in human peripheral blood leukocyte/severe combined immunodeficient chimeric model is dependent on B and T cell costimulation via CD40/CD40 ligand  
AUTHOR: Chen Fang-An; Williams Scott S; Fanslow William C; Bankert Richard B (Reprint)  
AUTHOR ADDRESS: Dep. Molecular Immunol., Roswell Park Cancer Inst., Elm and Carlton Streets, Buffalo, NY 14263, USA\*\*USA  
JOURNAL: Journal of Immunology 155 (6): p2833-2840 1995 1995  
ISSN: 0022-1767  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/8 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2005 Elsevier Science B.V. All rts. reserv.

12880793 EMBASE No: 2004483030  
The contribution of Fc effector mechanisms in the efficacy of anti-CD154 immunotherapy depends on the nature of the immune challenge  
Ferrant J.L.; Benjamin C.D.; Cutler A.H.; Kalled S.L.; Hsu Y.-M.; Garber E.A.; Hess D.M.; Shapiro R.I.; Kenyon N.S.; Harlan D.M.; Kirk A.D.; Burkly L.C.; Taylor F.R.  
J.L. Ferrant, Biogen Idec Inc., 14 Cambridge Center, Cambridge, MA United States  
AUTHOR EMAIL: janine.ferrant-orgettas@biogenidec.com  
International Immunology ( INT. IMMUNOL. ) (United Kingdom) 2004, 16/11 (1583-1594)  
CODEN: INIME ISSN: 0953-8178  
DOCUMENT TYPE: Journal ; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 43

6/3/9 (Item 2 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2005 Elsevier Science B.V. All rts. reserv.

05433063 EMBASE No: 1993201162  
CD30 antigen, a marker for Hodgkin's lymphoma, is a receptor whose ligand defines an emerging family of cytokines with homology to TNF  
Smith C.A.; Gruss H.-J.; Davis T.; Anderson D.; Farrah T.; Baker E.; Sutherland G.R.; Brannan C.I.; Copeland N.G.; Jenkins N.A.; Grabstein K.H.; Gliniak B.; McAlister I.B.; Fanslow W.; Alderson M.; Falk B.; Gimpel S.; Gillis S.; Din W.S.; et al.  
Immunex Res./Development Corporation, 51 University Street, Seattle, WA 98101 United States  
Cell ( CELL ) (United States) 1993, 73/7 (1349-1360)  
CODEN: CELLB ISSN: 0092-8674  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

6/3/10 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2005 The Dialog Corp. All rts. reserv.

13848361 PMID: 9548507  
CD40 ligand stimulates proinflammatory cytokine production by human endothelial cells.  
Dechanet J; Grosset C; Taupin J L; Merville P; Banchereau J; Ripoche J; Moreau J F  
Unite Mixte de Recherche CMRS 5540, Universite Bordeaux, France.  
Julie.Dechanet@umr5540ubordeaux2.fr  
Journal of immunology (Baltimore, Md. - 1950) (UNITED STATES) Dec 1 1997, 159 (11) p5640-7, ISSN 0022-1767 Journal Code: 2985117R  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

6/3/11 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2005 American Chemical Society. All rts. reserv.

140004065 CA: 140(1)4065g PATENT  
Chimeric constructs of human and mouse CD154 for tumor immunotherapy  
INVENTOR(AUTHOR): Prussak, Charles E.; Kipps, Thomas J.; Cantwell, Mark J.  
LOCATION: USA  
PATENT: U.S. Pat. Appl. Publ. ; US 20030220473 A1 DATE: 20031127  
APPLICATION: US 154759 (20020523)  
PAGES: 62 pp. CODEN: USXXCO LANGUAGE: English CLASS: 530350000;  
G01N-033/53A; C07H-021/04B; A61K-039/395B; C07K-014/74B; C12P-021/02B;  
C12N-005/06B

6/3/12 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2005 American Chemical Society. All rts. reserv.

135356765 CA: 135(25)356765g PATENT  
Antibodies against human CD40  
INVENTOR(AUTHOR): Aruffo, Alejandro A.; Hollenbaugh, Diane; Siadak, Anthony W.; Berry, Karen K.; Harris, Linda; Thorne, Barbara A.; Bajorath, Jurgen; Huse, William D.; Wu, Herren; Watkins, Jeffry D.  
LOCATION: USA  
PATENT: United States ; US 6312693 B1 DATE: 20011106  
APPLICATION: US 247352 (19990210) \*US 26291 (19980219)  
PAGES: 54 pp., Cont.-in-part of U.S. 6,051,228. CODEN: USXXAM  
LANGUAGE: English CLASS: 424154100; A61K-039/395A; C07K-016/28B;  
C12N-015/13B

6/3/13 (Item 3 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2005 American Chemical Society. All rts. reserv.

129077575 CA: 129(7)77575f PATENT  
Novel expression vectors containing accessory molecule ligand genes and their use for immunomodulation and treatment of malignancies and autoimmune disease  
INVENTOR(AUTHOR): Kipps, Thomas J.; Sharma, Sanjai; Cantwell, Mark  
LOCATION: USA  
ASSIGNEE: University of California  
PATENT: PCT International ; WO 9826061 A2 DATE: 19980618

APPLICATION: WO 97US22740 (19971208) \*US 32145 (19961209) \*US 982272  
(19971201)

PAGES: 167 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/00A;  
A61K-048/00B DESIGNATED COUNTRIES: AT; AU; BR; CA; CH; CN; DE; DK; ES; FI;  
GB; IL; JP; KR; LU; MX; NO; NZ; PT; RU; SE; SG DESIGNATED REGIONAL: AT; BE  
; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE  
? ds

Set	Items	Description
S1	346	E1-E6
S2	74	S1 AND (CD40L OR CD40(W)LIGAND OR CD154 OR GP39)
S3	55	RD S2 (unique items)
S4	4	S3 AND PY<1999
S5	20	(CD40L OR CD40(W)LIGAND OR CD154 OR GP39) (20N) (CHIMERIC OR CHIMAERIC OR RECOMBIANT) (20N) (MOUSE OR MURINE OR RAT) (10N) (HU- MAN)
S6	13	RD S5 (unique items)
? s (cd40L or cd40(w)ligand or cd154 or gp39) (20n) (chimeric or chimaeric or recombinant) (20n) (mouse or murine or rat) (20n) (human)		
	5656	CD40L
	22985	CD40
	405972	LIGAND
	10690	CD40(W)LIGAND
	2584	CD154
	644	GP39
	90117	CHIMERIC
	3286	CHIMAERIC
	628132	RECOMBINANT
	1729749	MOUSE
	407561	MURINE
	3174696	RAT
	21544640	HUMAN
S7	70	(CD40L OR CD40(W)LIGAND OR CD154 OR GP39) (20N) (CHIMERIC OR CHIMAERIC OR RECOMBINANT) (20N) (MOUSE OR MURINE OR RAT) (20N) (HUMAN)

? rd s7

...examined 50 records (50)

...completed examining records

S8 38 RD S7 (unique items)

? s s8 and py<2000

Processing

38 S8

48329493 PY<2000

S9 18 S8 AND PY<2000

? t s9/3/all

9/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5: Biosis Previews(R)  
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0012309931 BIOSIS NO.: 200000028244

Molecular cloning and biological characterization of NK cell  
activation-inducing ligand, a counterstructure for CD48

AUTHOR: Kubin Marek Z (Reprint); Parshley Dorothy L; Din Wenie; Waugh  
Jennifer Y; Davis-Smith Terri; Smith Craig A; Macduff Brian M; Armitage  
Richard J; Chin Wilson; Cassiano Linda; Borges Luis; Petersen Melissa;  
Trinchieri Giorgio; Goodwin Raymond G

AUTHOR ADDRESS: Immunex Corporation, 51 University Street, Seattle, WA,  
98101-2936, USA\*\*USA

JOURNAL: European Journal of Immunology 29 (11): p3466-3477 Nov., 1999  
1999

MEDIUM: print

ISSN: 0014-2980

DOCUMENT TYPE: Article

RECORD TYPE: Abstract  
LANGUAGE: English

9/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0012157379 BIOSIS NO.: 199900417039  
CD40 signaling induces B cell responsiveness to multiple members of the  
gamma chain-common cytokine family  
AUTHOR: Griebel Philip (Reprint); Beskorwayne Terry; Van den Broeke Anne;  
Ferrari Giorgio  
AUTHOR ADDRESS: Veterinary Infectious Disease Organization, 120 Veterinary  
Road, Saskatoon, SK, S7N 5E3, Canada\*\*Canada  
JOURNAL: International Immunology 11 (7): p1139-1147 July, 1999 1999  
MEDIUM: print  
ISSN: 0953-8178  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

9/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0012099746 BIOSIS NO.: 199900359406  
Role of CD40 ligand in Mycobacterium avium infection  
AUTHOR: Hayashi Tomoko; Rao Savita P; Meylan Pascal R; Kornbluth Richard S;  
Catanzaro Antonino (Reprint)  
AUTHOR ADDRESS: University of California San Diego Medical Center, 200 W.  
Arbor Dr., San Diego, CA, 92103-8374, USA\*\*USA  
JOURNAL: Infection and Immunity 67 (7): p3558-3565 July, 1999 1999  
MEDIUM: print  
ISSN: 0019-9567  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

9/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0012083954 BIOSIS NO.: 199900343614  
Synergistic effect of interleukin-1 and CD40L on the activation of human  
renal tubular epithelial cells  
AUTHOR: van Kooten Cees (Reprint); van der Linde Xander; Woltman Andrea M;  
van Es Leendert A; Daha Mohamed R  
AUTHOR ADDRESS: Department of Nephrology, Leiden University Medical Center,  
Albinusdreef 2, Building 1, C3P, 2333 AA, Leiden, Netherlands\*\*  
Netherlands  
JOURNAL: Kidney International 56 (1): p41-51 July, 1999 1999  
MEDIUM: print  
ISSN: 0085-2538  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

9/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0010869771 BIOSIS NO.: 199799503831  
CD40 inhibits B cell apoptosis by upregulating bcl-X-L expression and  
blocking oxidant accumulation  
AUTHOR: Fang Wei; Nath Karl A; Mackey Matthew F; Noelle Randolph J; Mueller  
Daniel L; Behrens Timothy W (Reprint)  
AUTHOR ADDRESS: Box 108 UMHC, Dep. Med., Univ. Minnesota, 515 Delaware St.  
SE, Minneapolis, MN 55455, USA\*\*USA  
JOURNAL: American Journal of Physiology 272 (3 PART 1): pC950-C956 1997  
1997  
ISSN: 0002-9513  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

9/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0010367086 BIOSIS NO.: 199699001146  
Activation of human monocytes through CD40 induces matrix  
metalloproteinases  
AUTHOR: Malik Najma; Greenfield Brad W; Wahl Alan F (Reprint); Kiener Peter  
A  
AUTHOR ADDRESS: Bristol-Myers Squibb Pharmaceutical Res. Inst., 3005 First  
Ave., Seattle, WA 98121, USA\*\*USA  
JOURNAL: Journal of Immunology 156 (10): p3952-3960 1996 1996  
ISSN: 0022-1767  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

9/3/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0010351431 BIOSIS NO.: 199698819264  
Ligation of CD40 influences the function of human Ig-secreting B cell  
hybridomas both positively and negatively  
AUTHOR: Bergman Mary C; Attrep Jeanne F; Grammer Amrie C; Lipsky Peter E  
(Reprint)  
AUTHOR ADDRESS: Dep. Internal Medicine, Univ. Tex. Southwestern Med. Cent.,  
Dallas, TX 75235-8884, USA\*\*USA  
JOURNAL: Journal of Immunology 156 (9): p3118-3132 1996 1996  
ISSN: 0022-1767  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

9/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0010031529 BIOSIS NO.: 199598499362  
Human antibody response in human peripheral blood leukocyte/severe combined  
immunodeficient chimeric model is dependent on B and T cell costimulation  
via CD40/CD40 ligand  
AUTHOR: Chen Fang-An; Williams Scott S; Fanslow William C; Bankert Richard  
B (Reprint)  
AUTHOR ADDRESS: Dep. Molecular Immunol., Roswell Park Cancer Inst., Elm and  
Carlton Streets, Buffalo, NY 14263, USA\*\*USA

JOURNAL: Journal of Immunology 155 (6): p2833-2840 1995 1995  
ISSN: 0022-1767  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

9/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0009814023 BIOSIS NO.: 199598281856  
CD40 on human endothelial cells: Inducibility by cytokines and functional regulation of adhesion molecule expression  
AUTHOR: Karmann Karin (Reprint); Hughes Christopher C W (Reprint); Schechner Jeffrey (Reprint); Fanslow William C; Pober Jordan S (Reprint)  
AUTHOR ADDRESS: Mol. Cardiobiol. Program, Boyer Cent. Mol. Medicine, Yale Univ. Sch. Medicine, New Haven, CT 06536, USA\*\*USA  
JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 92 (10): p4342-4346 1995 1995  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

9/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2005 BIOSIS. All rts. reserv.

0008901087 BIOSIS NO.: 199396065503  
CD30 antigen, a marker for Hodgkin's lymphoma, is a receptor whose ligand defines an emerging family of cytokines with homology to TNF  
AUTHOR: Smith Craig A; Gruss Hans-Juergen; Davis Terri (Reprint); Anderson Dirk (Reprint); Farrah Terry (Reprint); Baker Elizabeth; Sutherland Grant R; Brannan Camilynn I; Copeland Neal G  
AUTHOR ADDRESS: Immunex Res. Development Corporation, 51 University St., Seattle, Washington 98101, USA\*\*USA  
JOURNAL: Cell 73 (7): p1349-1360 1993  
ISSN: 0092-8674  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

9/3/11 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2005 Elsevier Science B.V. All rts. reserv.

07744689 EMBASE No: 1999226939  
Synergistic effect of interleukin-1 and CD40L on the activation of human renal tubular epithelial cells  
Van Kooten G.; Van der Linde X.; Woltman A.M.; Van Es L.A.; Daha M.R.  
Dr. G. Van Kooten, Department of Nephrology, Leiden University Medical Center, Building 1, Albinusdreef 2, 2333 AA Leiden Netherlands  
AUTHOR EMAIL: Kooten@Rullf2.Medfac.LeidenUniv.nl  
Kidney International ( KIDNEY INT. ) (United States) 1999, 56/1 (41-51)  
CODEN: KDYIA ISSN: 0085-2538  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 63

9/3/12 (Item 2 from file: 73)

DIALOG(R)File 73:EMBASE  
(c) 2005 Elsevier Science B.V. All rts. reserv.

07386215 EMBASE No: 1998279134

Efficient recombination of a switch substrate retrovector in CD40-activated B lymphocytes: Implications for the control of C(H) gene switch recombination

Ballantyne J.; Henry D.L.; Muller J.R.; Briere F.; Snapper C.M.; Kehry M.; Marcu K.B.

Dr. K.B. Marcu, Department of Biochem./Cell Biology, SUNY at Stony Brook, Stony Brook, NY 117945215 United States

AUTHOR EMAIL: kbmareu@mcbsgi.bio.sunysb.edu

Journal of Immunology ( J. IMMUNOL. ) (United States) 01 AUG 1998, 161/3 (1336-1347)

CODEN: JOIMA ISSN: 0022-1767

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 71

9/3/13 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

13985294 PMID: 9686596

Efficient recombination of a switch substrate retrovector in CD40-activated B lymphocytes: implications for the control of CH gene switch recombination.

Ballantyne J; Henry D L; Muller J R; Briere F; Snapper C M; Kehry M; Marcu K B

Department of Biochemistry and Cell Biology, Institute for Cell and Developmental Biology, State University of New York, Stony Brook 11794-5215, USA.

Journal of immunology (Baltimore, Md. - 1950) (UNITED STATES) Aug 1 1998, 161 (3) p1336-47, ISSN 0022-1767 Journal Code: 2985117R

Contract/Grant No.: GM26939; GM; NIGMS

Erratum in J Immunol 1999 Mar 1;162(5) 3103

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

9/3/14 (Item 2 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

13848361 PMID: 9548507

CD40 ligand stimulates proinflammatory cytokine production by human endothelial cells.

Dechanet J; Grosset C; Taupin J L; Merville P; Banchereau J; Ripoche J; Moreau J F

Unite Mixte de Recherche CMRS 5540, Universite Bordeaux, France. Julie.Dechanet@umr5540ubordeaux2.fr

Journal of immunology (Baltimore, Md. - 1950) (UNITED STATES) Dec 1 1997, 159 (11) p5640-7, ISSN 0022-1767 Journal Code: 2985117R

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

9/3/15 (Item 3 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

13413614 PMID: 9124531

CD40 inhibits B cell apoptosis by upregulating bcl-xL expression and blocking oxidant accumulation.

Fang W; Nath K A; Mackey M F; Noelle R J; Mueller D L; Behrens T W  
Department of Laboratory Medicine and Pathology, University of Minnesota,  
Minneapolis 55455, USA.

American journal of physiology (UNITED STATES) Mar 1997, 272 (3

Pt 1) pC950-6, ISSN 0002-9513 Journal Code: 0370511

Contract/Grant No.: AR-01959; AR; NIAMS; AR-43805; AR; NIAMS;  
R29-A1-3I699; PHS

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

9/3/16 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2005 American Chemical Society. All rts. reserv.

131031035 CA: 131(3)31035t PATENT

Use of a soluble recombinant human CD40L protein for inhibiting in vivo  
immune response

INVENTOR(AUTHOR): Lazarus, Alan H.; Crow, Andrew R.; Freedman, John

LOCATION: Can.,

ASSIGNEE: Canadian Blood Services

PATENT: PCT International; WO 9927948 A2 DATE: 19990610

APPLICATION: WO 98CA1105 (19981127) \*CA 2223225 (19971128)

PAGES: 42 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-038/17A;  
G01N-033/48B; A01K-067/027B DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA;  
BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; HR;  
HU; ID; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG;  
MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR;  
TT; UA; UG; US; UZ; VN; YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; CY;  
DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI;  
CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

9/3/17 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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130138090 CA: 130(11)138090p JOURNAL

Recombinant CD40L treatment protects allogeneic murine bone marrow  
transplant recipients from death caused by herpes simplex virus-1 infection

AUTHOR(S): Beland, Janice L.; Adler, Heiko; Del-Pan, Nadia C.; Kozlow,  
Wende; Sung, Janice; Fanslow, William; Rimm, Ilonna J.

LOCATION: Department of Pediatric Oncology, Dana-Farber Cancer Institute  
and Children's Hospital, Harvard Medical School, Boston, MA, USA

JOURNAL: Blood DATE: 1998 VOLUME: 92 NUMBER: 11 PAGES: 4472-4478

CODEN: BLOOAW ISSN: 0006-4971 LANGUAGE: English PUBLISHER: W. B.  
Saunders Co.

9/3/18 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2005 American Chemical Society. All rts. reserv.

129077575 CA: 129(7)77575f PATENT

Novel expression vectors containing accessory molecule ligand genes and  
their use for immunomodulation and treatment of malignancies and autoimmune



disease

INVENTOR(AUTHOR): Kipps, Thomas J.; Sharma, Sanjai; Cantwell, Mark

LOCATION: USA

ASSIGNEE: University of California

PATENT: PCT International ; WO 9826061 A2 DATE: 19980618

APPLICATION: WO 97US22740 (19971208) \*US 32145 (19961209) \*US 982272  
(19971201)

PAGES: 167 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/00A;  
A61K-048/00B DESIGNATED COUNTRIES: AT; AU; BR; CA; CH; CN; DE; DK; ES; FI;  
GB; IL; JP; KR; LU; MX; NO; NZ; PT; RU; SE; SG DESIGNATED REGIONAL: AT; BE  
; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE  
?